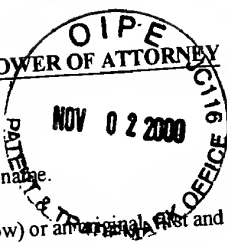


**DECLARATION AND POWER OF ATTORNEY**



As a below named inventor, I hereby declare

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**PNEUMOCOCCAL PROTEIN HOMOLOGS AND FRAGMENTS FOR VACCINES**

the specification of which [ ] is attached hereto or [X] was filed on 25 August 2000 as Application Serial No. 09/645,835 and was amended on

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed. Prior Foreign Application(s):

Priority Claimed	
Yes	No
<input type="checkbox"/>	<input type="checkbox"/>

(Number)

(Country)

(Day/Month/Year Filed)

I hereby claim the benefit under Title 35, United States Code, Section(s) 119 and/or 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

60/150,750

(Application Serial No.)

25 August 1999

(Filing Date)

Pending

(Status)

(Application Serial No.)

(Filing Date)

(Status - pending provisional, patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: John N. Bain (Reg. No. 18,651); John G. Gilfillan, III (Reg. No. 22,746); Elliot M. Olstein (Reg. No. 24,025); Raymond J. Lillie (Reg. No. 31,778); William Squire (Reg. No. 25,378); and Alan J. Grant (Reg. No. 33,389). Address correspondence and telephone calls to: Alan J. Grant, Esq. c/o Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 - (973) 994-1700.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Scott Koenig

Inventor's signature: Scott Koenig

Date: 10-24-00

Residence: 10901 Kilston Rd, Rockville, MD 20852

Citizenship: USA

Post Office Address: same

Full name of second joint inventor: Jon Heinrichs

Inventor's signature: Jon Heinrichs

Date: 10-24-00

Residence: 9 Peach Leaf Court, North Potomac, MD 20878

Citizenship: USA

Post Office Address: same

Docket No.: 469201-493

Title: PNEUMOCOCCAL PROTEIN HOMOLOGS AND FRAGMENTS FOR VACCINES

Docket No.: 469201-493

Full name of third joint inventor Leslie S. Johnson  
Inventor's signature: [Signature] Date: 10/25/00  
Residence: 20147 Laurel Hill Way, Germantown, MD 20874 Citizenship: USA  
Post Office Address: same

Full name of fourth joint inventor John E. Adamou  
Inventor's signature: [Signature] Date: 10-24-2000  
Residence: 20822 Shamrock Glen Circle, Germantown, MD 20874 Citizenship: Canada  
Post Office Address: same